

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q77856

Toshiharu IWASAKI, et al

Appln. No.: National Stage of PCT/JP2004/014135

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: March 17, 2006

Examiner: Unknown

For: POLYPROPYLENE-BASE MOLDED ARTICLE AND CONTAINER

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. Also, Applicant encloses herewith a copy of an International Search Report for PCT/JP2004/014135 dated January 27, 2005.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

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Attorney Docket No. Q77856

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements of relevance for Japanese Patent Application Publication Nos. 7-125738, 8-231787, 9-262948, 58-138708, 62-20507, 61-296006, 2-229806, and 2-33103. Furthermore, JP 5-293160 (corresponding to U.S. 5,520,972), JP 10-316810 (corresponding to U.S. 6,319,991), JP 57-63310 and 57-63311 (corresponding to U.S. 5,539,067, U.S. 5,618,771, U.S. 6,194,342, U.S. 6,515,085, and U.S. 6,777,508), JP 58-83006 (corresponding to U.S. 4,952,649) and JP 2-70708 (corresponding to U.S. 5,100,981), as well as the other Japanese Patent Application Publications, are cited and discussed on pages 2, 3, and 8 of the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

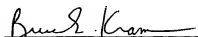
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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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**23373**

CUSTOMER NUMBER

Date: March 17, 2006

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*Complete if Known*

National Stage of  
PCT/JP2004/014135

Application Number	PC179P2004/044185
Confirmation Number	Unknown
Filing Date	March 17, 2006
First Named Inventor	Toshiharu IWASAKI
Art Unit	Unknown
Examiner Name	
Attorney Docket Number	O77856

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,520,972	A	05/28/1996	TOMOHIKO EZAKI, ET AL
		US 6,319,991	B1	11/20/2001	CHIKASHI OKAYAMA, ET AL
		US 5,539,067	A	07/23/1996	SANDRO PARODI, ET AL
		US 5,618,771	A	04/08/1997	SANDRO PARODI, ET AL
		US 6,194,342	B1	02/27/2001	SANDRO PARODI, ET AL
		US 6,515,085	B1	02/04/2003	SANDRO PARODI, ET AL
		US 6,777,508	B1	08/17/2004	SANDRO PARODI, ET AL
		US 4,952,649		08/28/1990	MAMORU KIOKA, ET AL
		US 5,100,981	A	03/31/1992	MICHAEL SCHRECK, ET AL

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>5</sup>
		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)			
		JP	5-293160	A	11/09/1993		
		JP	7-125738	A	05/16/1995	MITSUBISHI CHEM. CORP.	Abstract
		JP	8-231787	A	09/10/1996	MITSUBISHI CHEM. CORP.	Abstract
		JP	9-262948	A	10/07/1997	MITSUI PETROCHEMICAL IND.	Abstract
		JP	10-316810	A	12/02/1998		
		JP	57-63310	A	04/16/1982		
		JP	57-63311	A	04/16/1982		
		JP	58-83006	A	05/18/1983		
		JP	58-138708	A	08/17/1983	MITSUI PETROCHEMICAL IND.	Abstract
		JP	62-20507	A	01/29/1987	MITSUBISHI PETROCHEMICAL CO.	Abstract
		JP	61-296006	A	12/26/1986	TOHO TITANIUM CO. LTD.	Abstract
		JP	2-229806	A	09/12/1990	MITSUI PETROCHEMICAL IND.	Abstract

[illegible]

09/16/2009

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov/mpep/901.04](http://www.uspto.gov/mpep/901.04) or in the comment box of this document. <sup>3</sup> Enter Odometer that issued the documents by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /W

Substitute for Form 1449 A & B/PTO		Complete if Known	
		National Stage of PCT/JP2004/014135	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10572704
		Confirmation Number	Unknown
		Filing Date	March 17, 2006
		First Named Inventor	Toshiharu IWASAKI
		Art Unit	Unknown
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	Q77856

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
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		US			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)		
		JP	2-33103	A	02/02/1990	KONISHIROKU PHOTO IND.
		JP	2-70708	A	03/09/1990	
		WO	2004/071375	A1	08/26/2004	SHOWA DENKO PLASTIC PRODUCTS CO., LTD.
		EP	0 708 146	A1	04/24/1996	SHOWA DENKO KABUSHIKI KAISHA
		WO	03/055943	A2	07/10/2003	SHOWA DENKO PLASTIC PRODUCTS CO., LTD.
		EP	1 236 769	A1	09/04/2002	BOREALIS TECHNOLOGY OY

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.		

Examiner Signature	/Walter Aughenbaugh/	Date Considered	09/16/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to indicate here if English language Translation is attached.